

FIG. 1

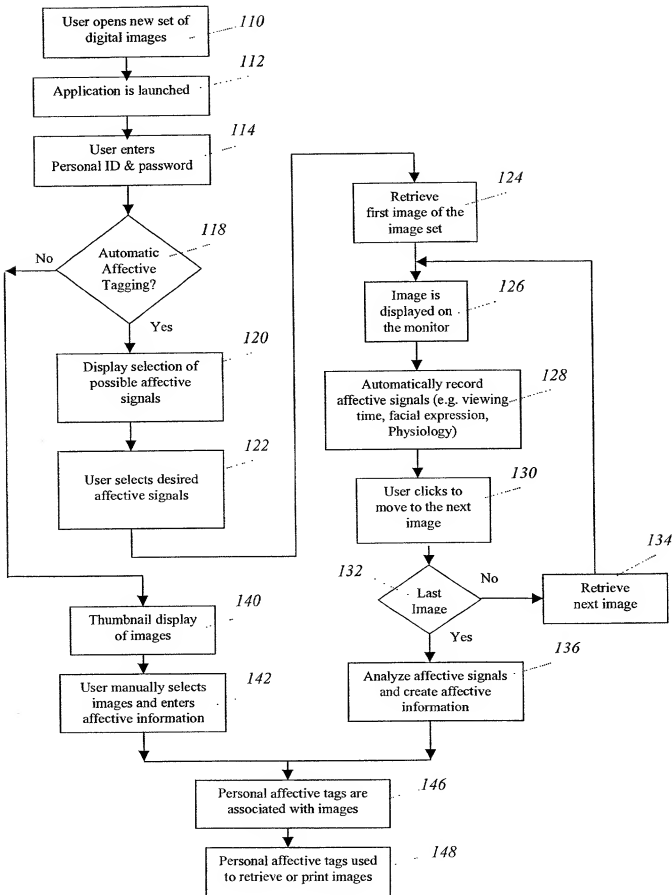


Fig. 2

These signals are going to be recorded for determining
your psychological reaction to images

☒ Viewing Time

☒ Facial Expression / Head Movements

☒ Physiology

☐ Audio

☐ Gaze tracking

☐ Touch Pressure

Fig. 3A. GUI screen with signals recording selection

These signals are going to be recorded for determining
your psychological reaction to images

☒ Viewing Time

☒ Facial Expression / Head Movements

☒ Physiology

☐ Audio

☐ Gaze tracking

☐ Touch Pressure

V	Heart Rate
V	GSR
V	Temperature
EEG	

Fig. 3B. GUI screen with signals recording selection and physiological signals menu.

Personal Affective Tag field - PAT
Personal Identification field – PID_1
Affective Record Start field – BEGIN_RECORD_1
Date field – DATE
Location field – LOCATION
Affect field – AFFECT
Viewing time field – VIEWING_TIME
Physiology GSR field – GSR_SIGNAL
Physiology Temperature field – TEMP_SIGNAL
Ambient Temperature – AMBIENT_TEMP_SIGNAL
Physiology Heart Rate field – HR_SIGNAL
Face Expression field – FACE_EXPRESSION_DATA
Affective Record Start field – BEGIN_RECORD_2
Date field - DATE
Location field – LOCATION
Affect field – AFFECT
Viewing time field – VIEWING_TIME
Physiology GSR field – GSR_SIGNAL
Physiology Temperature field – TEMP_SIGNAL
Physiology Heart Rate field – HR_SIGNAL
Physiology EEG field – EEG_SIGNAL
Face Expression field – FACE_EXPRESSION_DATA
Gaze tracking field – GAZE_TRACKING_DATA
Behavior Record Start field – BEGIN_RECORD_3
Number of times viewed field – VIEWING_COUNTER
Number of times printed field – PRINTING_COUNTER
Number of times sent in e-mail field – E_MAIL_COUNTER

Fig. 4A

Personal Affective Tag 1
Personal Identification = User 1
Date = Aug 1, 2000
Importance = 8.....
Personal Affective Tag 2
Personal Identification = User 2
Date = July 4, 2001
Importance = 4.....
Personal Affective Tag 3
Personal Identification = User 1
Date = Oct 8, 2001
Importance = -5.....

Fig. 4B

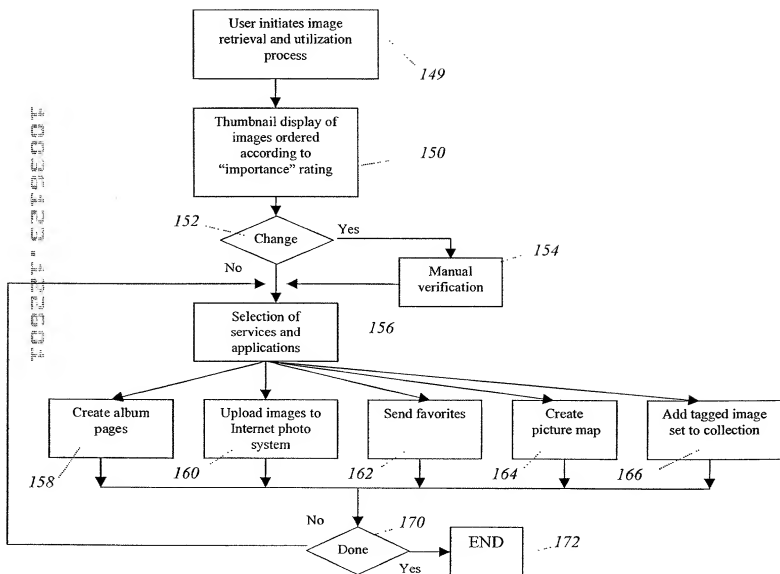


Fig. 5

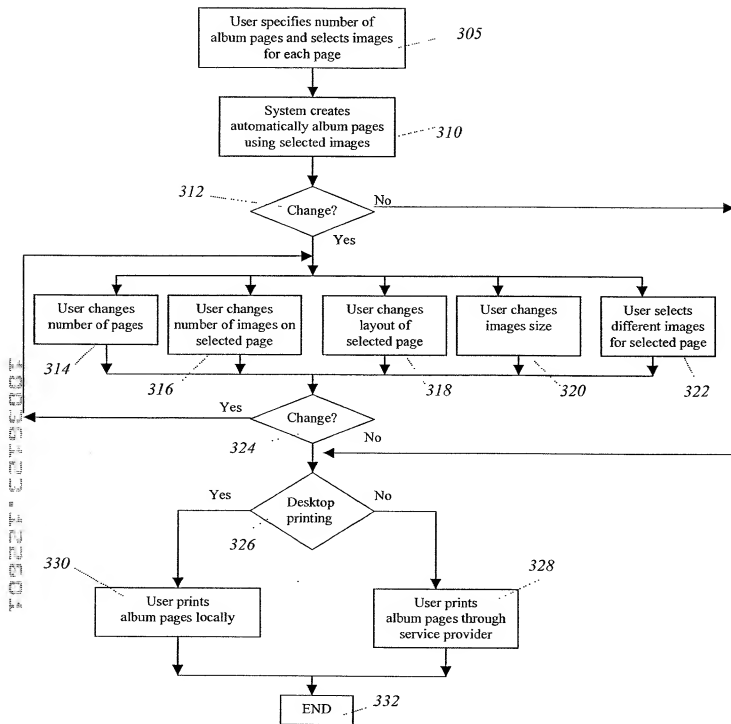


Fig. 6.

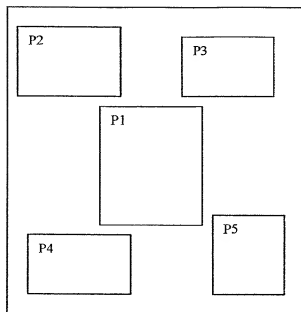


Fig. 7A. Album pages created by the system.

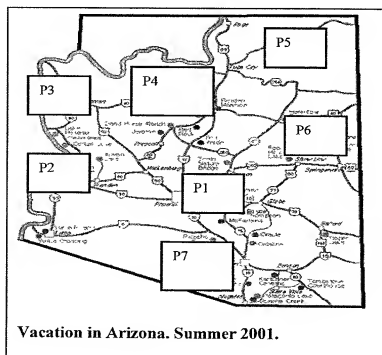
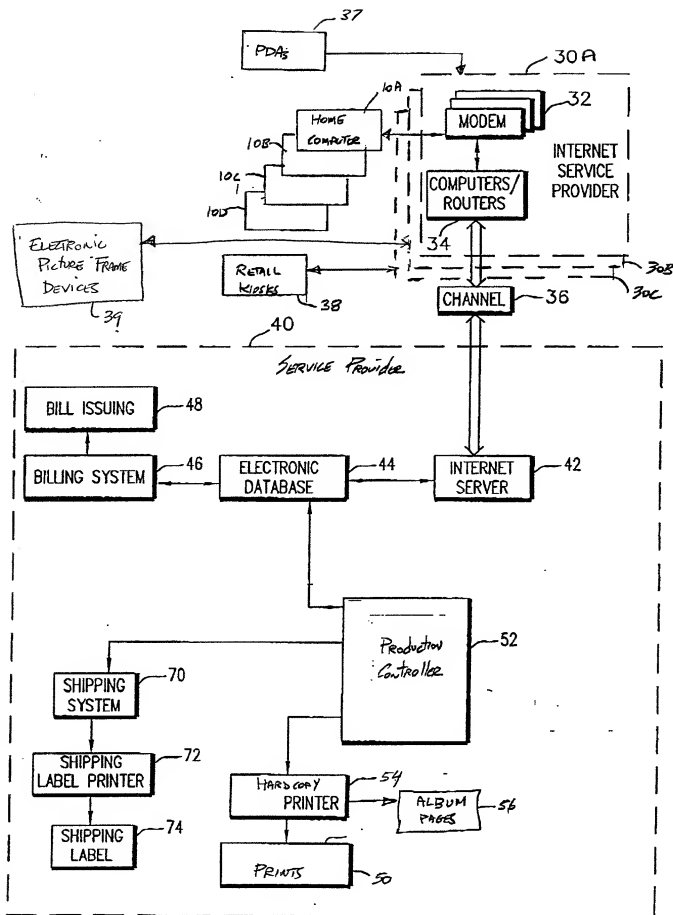


Fig. 7B. Picture map created by the system.

DEPT. OF THE ARMY



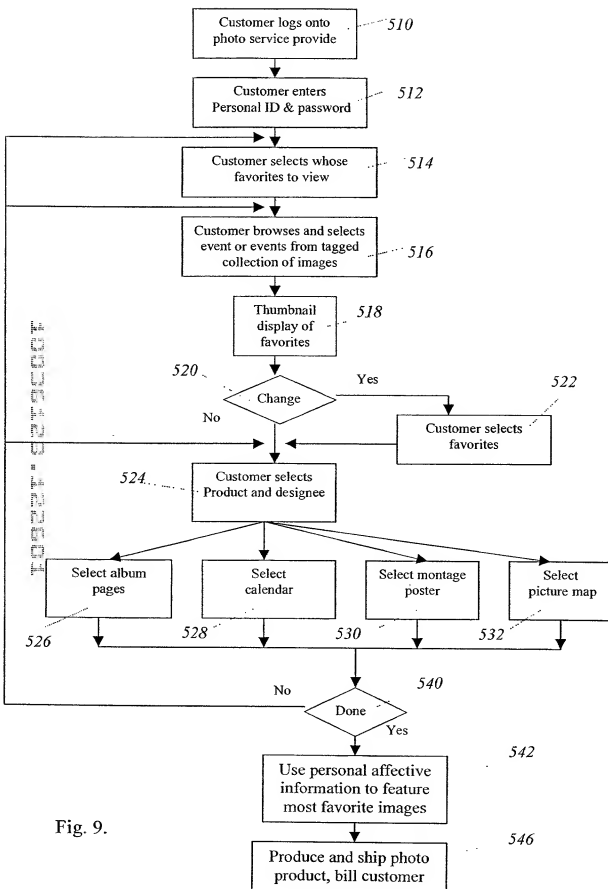


Fig. 9.